Venkatakrishnan Asuri

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B.Tech - Engineering Physics
Indian Institute of Technology, Madras

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Education

- **Indian Institute of Technology Madras** — *August 2023 – August 2027 (Expected)*
  Bachelor of Technology in Engineering Physics ; GPA: 9.21 — Chennai, India
- **Maharishi Vidya Mandir Senior Secondary School** — *March 2023*
  Central Board of Secondary Education (Class XII) ; Percentage: 95.20 — Chetpet, Chennai
- **D.A.V Boys Senior Secondary School** — *March. 2021*
  Central Board of Secondary Education (Class X) ; Percentage: 97.60 — Gopalapuram, Chennai

Skills

- **Programming** : Python (NumPy, MatPlotLib and SciPy) , C++, Wolfram Mathematica, Julia*, MATLAB*
- **Mathematics** : Multivariable Calculus, Linear Algebra, Basic Differential Equations, Number Theory, Combinatorics, Probability*
- **Physics** : Classical Mechanics, Electrodynamics*
- **Operating Systems** : Windows, Linux

** Elementary proficiency*

Key courses taken

- **Mathematics** : Multivariable Calculus
- **Physics** : Classical Mechanics, Thermodynamics and Kinetic Theory
- **Computation and Numerical Solving** : Introduction to Computational Physics (Wolfram)

Achievements and Test Scores

- **JEE Advanced 2023**, Secured **All-India Rank 1236** among **150,000** candidates *2023*
- **JEE Mains 2023**, Secured **All-India Rank 1773** among **2,200,000** candidates *2023*
- **ISI B.Math Entrance**, Secured **All-India Rank 34** in the **ISI B.Math Entrance, 2023** *2023*
- **IISER Aptitude Test**, Secured **All-India Rank 286** out of **35,000** candidates *2023*
- **NEST 2023**, Secured **All-India Rank 35** out of **45,000** candidates in the **NISER Entrance Test** *2023*
- **INChO 2023**, Placed among **top 1%** in NSEC and one among **300** candidates to qualify for INChO *2023*
- **NSEP 2023**, Placed among the **top 1%** of my state in NSEP among **200,000** candidates *2023*
- **INOI 2021**, Cleared the **Zonal Informatics Olympiad** and qualified for **INOI 2021** *2021*
- **IBM QC Course**, Completed an introductory course in **Quantum Computing** by **QxQ** and **IBM** *2021*
- **NTSE Scholar**, Ranked among **top 2000** of **100,000** candidates *2021*
- **INOI 2020**, Cleared the **Zonal Informatics Olympiad** and qualified for **INOI 2020** *2020*
- **RAMTP 2020**, Selected for and attended a 1 week camp by **RAMTP Foundation** *2020*
- **RMO 2019**, Cleared the PRMO 2019 and qualified for the RMO *2019*

Extracurriculars

- **Classical Music**, Learnt Carnatic Vocal music for **13 years**. Upcoming Carnatic Musician.
- **Chess**, Played chess actively for the past **14 years** and participated in several tournaments
- **Artist**, Completed **10** course levels with a certificate at **GlobalArt India**
- **Football Player**, Played for **Mahogany FC** for **8 years**, competing at city-level tournaments